Notice of Allowability	Application No.	Applicant(s)	
	09/991,369	COOKE ET AL.	
	Examiner	Art Unit	
	Neveen Abel-Jalil	2165	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to *February 24, 2005*.

2. ☒ The allowed claim(s) is/are *11-19*.

3. ☒ The drawings filed on *November 13, 2001* are accepted by the Examiner.

4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
   a) ☐ All b) ☐ Some* c) ☐ None of the:
      1. ☐ Certified copies of the priority documents have been received.
      2. ☐ Certified copies of the priority documents have been received in Application No. _____ .
      3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

   * Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.

6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
   (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
      1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
   (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.

   Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).

7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413), Paper No./Mail Date _____ .
7. ☐ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____.

C. Rones

CHARLES RONES
PRIMARY EXAMINER

DETAILED ACTION

Remarks

1. In response to the After Final amendment filed on 24-February-2005, claims 1-10, and 20-25 have been cancelled. Claims 11-19 are now pending in the application.

Reasons for Allowance

2. Claims 11-19 are allowed over the prior art made of record.

3. The following is a statement of reasons for allowance:

The prior art of record (Hoover et al. U.S. Patent No. 5, 560, 005 – and Cohen -U.S. Patent No. 6,542,907 B1) does not disclose, teach, or suggest the claimed limitations of (in combination with all other features in the claim), allocating a first range of IDs from the global ID space to a replica of the database; receiving a request from the replica for a second range of IDs; and providing a second range of IDs from the global ID space to the replica, a size of the second range of IDs being selected based upon a usage rate of IDs by the replica, as claimed in independent claim 11.

Claims 12-17 are allowed over the prior art made of record, because it is dependent from the allowed independent claim 11.

The prior art of record (Hoover et al. U.S. Patent No. 5, 560, 005 – and Cohen -U.S. Patent No. 6,542,907 B1) does not disclose, teach, or suggest the claimed limitations of (in

combination with all other features in the claim), allocating a first range of IDs n.sub.1 from the ID space to a first replica of the database, the IDs in the first range ranging from (x) to (x+n.sub.1-1), x being an integer; allocating a second range of IDs n.sub.2 from the ID space to a second replica of the database, the IDs in the second range ranging from (y) to (y+n.sub.2-1), y being an integer greater than (x+n.sub.1-1); receiving a request from a replica of the master database for a third range of IDs; and providing the third range of IDs from the ID space to the requesting replica, a size n.sub.3 of the third range of IDs being selected based upon a usage rate of IDs by the requesting replica, the IDs in the third range ranging from (z) to (z+n.sub.3-1), z being an integer greater than (y+n.sub.2-1), as claimed in claim 18.

Claim 19 is allowed over the prior art made of record, because it is dependent from the allowed independent claim 18.

Conclusion

4. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Neveen Abel-Jalil whose telephone number is 571-272-4074. The examiner can normally be reached on 8:30AM-5: 30PM EST.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Dov Popovici can be reached on 571-272-4038. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Neveen Abel-Jalil
March 7, 2005

C. Rones

CHARLES RONES
PRIMARY EXAMINER